



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Craig R. Malloy, A. Dean Sherry and John G. Jones
Serial No.: 09/846,727
Filed: May 1, 2001
Art Unit: 1743
Examiner: Monique T. Cole
For: MEASUREMENT OF GLUCONEOGENESIS AND
INTERMEDIARY METABOLISM USING STABLE ISOTOPES

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, dated August 5, 2005.

Stella E. Laicer

Signature

Stella E. Laicer

Typed or printed name of person signing certificate

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION SUMMARY

Dear Sir:

Applicants submit this Response to the Office Action Summary mailed May 27, 2005.
Applicants respectfully request entry of this Response and allowance of claims provided herein.

With this Response, please reconsider the above-identified Application in light of the following:

00/17/2005 ASINGLET 00000002 070153 09A46727

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436.00 DA

(2) of this paper; and

Remarks begin on page six (6) of this paper.

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

CLAIMS AS FILED - PART I

| FOR | (Column 1) | NUMBER FILED | (Column 2) | NUMBER EXTRA |
|---|------------|--------------|------------|--------------|
| BASIC FEE (37 CFR 1.16(a)) | | | | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | | 38 | minus 20 = | 38 |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | | 6 | minus 3 = | 3 |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | | | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

| SMALL ENTITY | |
|--------------|------|
| RATE | FEE |
| | 9.00 |
| x \$ | 342 |
| x \$ | 120 |
| + \$ | |
| TOTAL | 810 |

| OTHER THAN SMALL ENTITY | |
|-------------------------|-----|
| RATE | FEE |
| | \$ |
| x \$ | |
| x \$ | |
| + \$ | |
| TOTAL | |

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|-------------|---|------------------------------------|---------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | Total (37 CFR 1.16(d)) | 33 | 38 |
| | Independent (37 CFR 1.16(b)) | 6 | 6 |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | |

| SMALL ENTITY | |
|-----------------|----------------|
| RATE | ADDITIONAL FEE |
| | 25 |
| x \$ | 775 |
| + \$ | 180 |
| TOTAL ADD'L FEE | |

| OTHER THAN SMALL ENTITY | |
|-------------------------|----------------|
| RATE | ADDITIONAL FEE |
| | |
| x \$ | |
| x \$ | |
| + \$ | |
| TOTAL ADD'L FEE | |

| | (Column 1) | (Column 2) | (Column 3) |
|-------------|---|------------------------------------|---------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | Total (37 CFR 1.16(d)) | 33 | 38 |
| | Independent (37 CFR 1.16(b)) | 8 | 6 |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | |

| SMALL ENTITY | |
|-----------------|----------------|
| RATE | ADDITIONAL FEE |
| | |
| x \$ | |
| x \$ | |
| + \$ | |
| TOTAL ADD'L FEE | |

| OTHER THAN SMALL ENTITY | |
|-------------------------|----------------|
| RATE | ADDITIONAL FEE |
| | |
| x \$ | |
| x \$ | 400.00 |
| + \$ | |
| TOTAL ADD'L FEE | 400.00 |

| | (Column 1) | (Column 2) | (Column 3) |
|-------------|---|------------------------------------|---------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | Total (37 CFR 1.16(d)) | | |
| | Independent (37 CFR 1.16(b)) | | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | |

| SMALL ENTITY | |
|-----------------|----------------|
| RATE | ADDITIONAL FEE |
| | |
| x \$ | |
| x \$ | |
| + \$ | |
| TOTAL ADD'L FEE | |

| OTHER THAN SMALL ENTITY | |
|-------------------------|----------------|
| RATE | ADDITIONAL FEE |
| | |
| x \$ | |
| x \$ | |
| + \$ | |
| TOTAL ADD'L FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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